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mClassic Cable

Operating Instructions

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Features

Anti-Aliasing

The images on your TV, VR or monitor are made of tiny squares called pixels. But real-life objects have rounded edges. This conflict causes images to shimmer or appear "jaggy," a stair-step looking edge from square pixels trying to create a curve. Our anti-aliasing algorithm delivers amazing results without causing a known blurring effect in graphics, especially on the sharp edges and small textures.

4K

A high-performance scaler aims to create high resolution images from low resolution sources that are visually indistinguishable from native high resolution images. Our scaler delivers an exceptional performance from 1/2 a million pixels to 2 million pixels (SD to HD) and 2 million to 8 million (HD to 4K Cinema) with no compromises on color processing. The result is the cleanest and clearest image for both modern, and legacy content.

Sharpening

Graphic video processors typically focus on either the "sharpness" or "naturalness" of an image. mClassic ensures the image is in perfect balance. Our advanced real-time algorithms deliver a stunningly beautiful picture with color clarity and details exactly as intended by the gamer developer.

No Lag

mClassic's graphics post-processor analyzes and improves every single pixel for the most beautiful image with no-lag.

Flowchart

Connect USB power cable to mClassic
Connect other end to USB power supply

Connect HDMI cable to the end of the mClassic
Connect other end to TV/Monitor

Connect the mClassic Cable
to the console of your choice

Getting Started

Setting up mClassic Plug

1. Connect the red USB power cable to the mClassic and the USB end to a powered USB source.

2. Connect a standard HDMI cable to the HD slot on the mClassic. Connect the other end of the HDMI cable to your monitor or TV.

USB output if it has one. You will know the mClassic is properly powered on by the color of the toggle switch.

•The extender is required for use with the Nintendo Switch, but can also be useful as a way to safely secure an HDMI cable without the mClassic being directly plugged into a console.

•To learn more about toggle switch options please refer to page _ and for retro consoles please refer to page _

3. Connect the HDMI output of the mClassic to your choice of console. The HD output on modern consoles will securely fit the mClassic; the cable extender will be required for use with such devices as the Nintendo Switch's Dock.
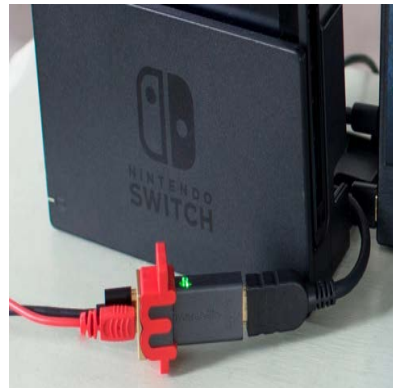
**Notes*

•The USB power cable can be plugged into a monitor or TV's USB output, or directly into a console's
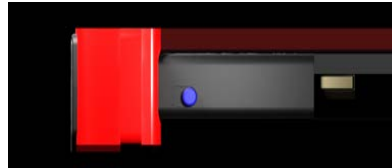
Toggle Switch

Scaling Off

The mClassic offers an amazing improvement to your image, but in the event you decide to disable the features, there's no need to disconnect it from anything. Setting the mClassic to position zero (far left) will allow the original signal to pass right through and be completely unaltered by the mClassic.

Scaling On

In the center position, the mClassic's LED will turn green and convert the image. With no lag time, it redraws every single pixel at 120 FPS.

Retro

For retro platforms that run at 480p, use the third toggle position.

Switching to the far right position will turn the LED to blue and will give the mClassic the ability to convert the original 4:3 image to a 16:9 output. Perfect for capture, quick gameplay, or to get around an issue with a TV that won't adjust the aspect ratio.

Retro Gaming

Retro platforms, like the Sega Dreamcast and Nintendo Gamecube and many more, have never looked better. Most ran in 4:3 originally, not 16:9, but by using the third (blue) toggle option the image will be converted to 16:9 on your HD and 4K TVs.

Gamecube
Certain Nintendo Gamecube games can run at a max of 480p by holding the B button during the startup screen.

By using the third toggle option while the mClassic is connected to a third-party HD converter, the Nintendo Gamecube will natively be stretched to a much higher 1440p resolution. The image will be sharper (less 'jaggys') and the contrast will be boosted, all while not suffering any input-lag.

Dreamcast
Sega Dreamcast was one of the last consoles to be locked to a lower resolution of 480i. By using the third toggle option while the mClassic is connected to a third-party HD converter, the Sega Dreamcast will natively be stretched to a much higher 1440p resolution. Keep in mind, that most North American titles will run just fine while using the mClassic, but since the Sega Dreamcast is region-free, some foreign games may possibly have a resolution issue.

Other Retro Consoles
To get the optimal performance you'll need a third party legacy connection to HDMI converter. Various consoles have devices specifically designed to get HDMI output on retro consoles.

Modern Gaming

Many recent platforms benefit from the scaling option available with mClassic. The middle (green) output will clean up pixels, prevent lag, boost colors, and provide the best 4K experience for any modern console not natively 4K.

Modern Consoles

Consoles during the seventh generation of gaming (Xbox 360, Playstation 3) and eigth generation (Xbox One, Playstation 4, Nintendo Wii U) all have an HD port making use of the mClassic Cable a simple process.

The mClassic graphics processor enhances every pixel on the fly with no lag time. It will up-scale gameplay up to 1440p60 on supported monitors. 4K native content will be passed through the mClassic, while 1080p content will be enhanced when displayed on a 4K or even 1080p TV or monitor.

Nintendo Switch

The Nintendo Switch is one of the newest consoles on the market, but it is not a natively 4K console. The mClassic will provide a boost in all aspects when directly connected to the Nintendo Switch's Dock.
It will up-scale gameplay up to 1440p60 on supported monitors. To get the optimal performance, set-up your Nintendo Switch to output 720p, its native built-in graphic performance, then enable the mClassic, and you will see astonishing results on a 4K or even 1080p TV or monitor.

*Notes
•*HDMI extender will be needed for use of the mClassic Cable with the Nintendo Switch.*
•*Be sure to set any modern console's resolution to the highest possible option in the settings before using the mClassic to be get the best possible image.*